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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/841,357	04/24/2001	Robert A. Wiedeman	900.0003USU	6251
41339	7590	09/30/2004	EXAMINER	
KARAMBELAS & ASSOCIATES 655 DEEP VALLEY DRIVE, SUITE 303 ROLLING HILLS ESTATES, CA 90274			NGUYEN, BRIAN D	
			ART UNIT	PAPER NUMBER
			2661	
DATE MAILED: 09/30/2004				

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/841,357

Applicant(s)

WIEDEMAN ET AL.

Examiner

Brian D Nguyen

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on the application filed 4/24/01.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-22 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-22 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 14 August 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Claim Objections

1. Claim 4 is objected to because of the following informalities:

Claim 4, line 2, "DSN server" seems to refer back to "(DSN) server" in line 5 of claim 1. If this is true, it is suggested to change "DSN server" to ---the DSN server---.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Lee et al (6,161,008).

Regarding claims 1-5, Lee discloses a mobile satellite telecommunications system, comprising: at least one user terminal (140, 142); at least one satellite in earth orbit (138); and at least one gateway (118) bidirectionally coupled to a data communication network (102); and a Domain Name Service (DNS) server (108, 150) for responding to a DNS query that is received from the user terminal; wherein the at least one satellite is in a non-geosynchronous orbit and further comprising at least one satellite in a higher orbit (see figures 1-2 ; col. 4, lines 3-6; col. 5, lines 7-12). Lee does not specifically disclose the at least one satellite comprises a DSN server and the at least one satellite in a higher orbit comprises a second DSN server. However, to include a DSN server in the satellites is a matter of design choice because a DSN server is a separate

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element that perform the same function no matter where the DSN server is located.

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to attached the DSN server to the satellites in order to provides an association between an IP address and a device domain name for users in a satellite network.

Regarding claims 6-11, claims 6-11 are apparatus claims that have substantially the same limitations as the apparatus claims 1-6. Therefore, they are subject to the same rejection.

Regarding claims 12-12, claims 12-22 are method claims that have substantially the same limitations as the respective apparatus claims 1-5. Therefore, they are subject to the same rejection. Note that DNS servers at different levels are in communication with each other to share information and update the database.

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Dillon et al (6,658,463), Wills et al (6,584,082), Willis et al (6,385,647), Nandikonda et al (6,314,111), and Lee et al (6,751,459).

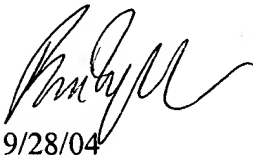
5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brian D Nguyen whose telephone number is (571) 272-3084. The examiner can normally be reached on 7:30-6:00 Monday-Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kenneth Vanderpuye can be reached on (571) 272-3078. The fax phone

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number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



9/28/04

BRIAN NGUYEN
PRIMARY EXAMINER